

美国进口原装 IPTG 试剂北京供货

产品名称	美国进口原装 IPTG 试剂北京供货
公司名称	北京生科宇晟科技有限公司
价格	200.00/1g
规格参数	品牌:Goldbio 型号:I2481C
公司地址	北京市海淀区清河安宁里小区一号楼北平房14号
联系电话	010-62913373

产品详情

厂家：Goldbio

产品名称：IPTG 异丙基硫代-β-D-半乳糖苷

产品货号：I2481C

产品CAS: 367-93-1

产品报价：1g/200 50g/2220 500g/16250

产品描述：

IPTG is an analog of galactose that is non-metabolizable and inactivates the lac repressor to induce synthesis of β-galactosidase in E. coli. The expression of cloned genes under the control of the lac operon is induced by IPTG. It is also a substrate for thigalactoside transacetylase and has been reported to induce penicillinase in bacteria.

IPTG is commonly used in cloning procedures that require induction of β-galactosidase and is most often used with X-Gal (Gold Bio #X4281C) or Blue-Gal (Gold Bio #B-673) for blue/white colony screening or Magenta-Gal (Gold Bio #B-378) for red/white colony screening of bacterial colonies.

IPTG is also used in the induction of recombinant proteins. In those systems, a protein of interest is encoded downstream of the IPTG inducible promoter. In the presence of IPTG, the protein of interest is induced in the cell culture. The culture can then be lysed and the protein expressed and purified through a number of methods, including His Tag or GST purification systems (for proteins with ligand tags).

Product Specifications:

IPTG

Isopropyl-beta-D-thiogalactoside

MOLECULAR BIOLOGY GRADE

Formula: C₉H₁₈O₅S

MW: 238.30 g/mol

Purity: >99% by HPLC

Dioxane free

Store dry at -20 ° C and protect from light.

PubChem Chemical ID: 656894

您如有需要产品联系我公司销售010-57240868，手机：13126668228，QQ：523267088！或

者发送邮箱：sale@hinbio.com